PALM INTRANET

Continuity Information for 09/901858

Parent Data
09901858
Claims Priority from Provisional Application 60216777
is a continuation in part of 09518794
Which Claims Priority from Provisional Application 60122704
is a continuation in part of 09801390
Which is a continuation in part of 09518794
Which Claims Priority from Provisional Application 60187566
Which Claims Priority from Provisional Application 60229984
is a continuation in part of 09801389
Which Claims Priority from Provisional Application 60187566
Which Claims Priority from Provisional Application 60229984

Child Data
No Child Data

| Appln Info | Contents | Petition Info | Atty/Agent Info | Continuity Data | Foreign Data | Inventors | Address |

Search Another: Application# [ ] Search   **or Patent#** [ ] Search

PCT / [ ] / [ ] Search   **or PG PUBS #** [ ] Search

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FILE 'HOME' ENTERED AT 16:31:28 ON 18 FEB 2004

=> FIL STNGUIDE
FILE 'STNGUIDE' ENTERED AT 16:31:41 ON 18 FEB 2004
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 13, 2004 (20040213/UP).

=> file caplus
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FILE COVERS 1907 - 18 Feb 2004  VOL 140 ISS 8
FILE LAST UPDATED: 17 Feb 2004  (20040217/ED)

   This file contains CAS Registry Numbers for easy and accurate
   substance identification.


=> cataly? and (parallel or simultaneous?) and (reaction(n)condition)
CATALY? IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s cataly? and (parallel or simultaneous?) and (reaction(n)condition)
         1173937 CATALY?
          257004 PARALLEL
           10465 PARALLELS
          266926 PARALLEL
                   (PARALLEL OR PARALLELS)
          364636 SIMULTANEOUS?
         2671258 REACTION
         1923371 REACTIONS
         3563228 REACTION
                   (REACTION OR REACTIONS)
          252504 CONDITION
         1462683 CONDITIONS
         1663597 CONDITION
                   (CONDITION OR CONDITIONS)
           36556 REACTION(A)CONDITION
L1          489 CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION(A)CONDITIO
                 N)

=> s cataly? and (parallel or simultaneous?) and (reaction?(n)condition?)
         1173937 CATALY?
          257004 PARALLEL
           10465 PARALLELS
          266926 PARALLEL
                   (PARALLEL OR PARALLELS)
```

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           364636 SIMULTANEOUS?
          3563485 REACTION?
          1756915 CONDITION?
            36737 REACTION?(A)CONDITION?
L2            490 CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION?(A)CONDITI
                  ON?)

=> s cataly? and (reaction?(n)condition?)
          1173937 CATALY?
          3563485 REACTION?
          1756915 CONDITION?
            36737 REACTION?(A)CONDITION?
L3          15265 CATALY? AND (REACTION?(A)CONDITION?)

=> s cataly? and (reaction?(n)condition?) and (conver? or selectiv? or yield?)
          1173937 CATALY?
          3563485 REACTION?
          1756915 CONDITION?
            36737 REACTION?(A)CONDITION?
           831805 CONVER?
           555292 SELECTIV?
          1280253 YIELD?
L4           8498 CATALY? AND (REACTION?(A)CONDITION?) AND (CONVER? OR SELECTIV?
                  OR YIELD?)

=> s cataly? and (reaction?(n)condition?) and (conver? or selectiv? or yield?) and optimiz?
          1173937 CATALY?
          3563485 REACTION?
          1756915 CONDITION?
            36737 REACTION?(A)CONDITION?
           831805 CONVER?
           555292 SELECTIV?
          1280253 YIELD?
           236353 OPTIMIZ?
L5            638 CATALY? AND (REACTION?(A)CONDITION?) AND (CONVER? OR SELECTIV?
                  OR YIELD?) AND OPTIMIZ?

=> s cataly? and (reaction?(n)condition?) and (conver? or selectiv? or yield?) and optimiz?
and (parallel or simultaneous?)
          1173937 CATALY?
          3563485 REACTION?
          1756915 CONDITION?
            36737 REACTION?(A)CONDITION?
           831805 CONVER?
           555292 SELECTIV?
          1280253 YIELD?
           236353 OPTIMIZ?
           257004 PARALLEL
            10465 PARALLELS
           266926 PARALLEL
                    (PARALLEL OR PARALLELS)
           364636 SIMULTANEOUS?
L6             14 CATALY? AND (REACTION?(A)CONDITION?) AND (CONVER? OR SELECTIV?
                  OR YIELD?) AND OPTIMIZ? AND (PARALLEL OR SIMULTANEOUS?)

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=> d ti abs tot
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=> d bib 16
°L6 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

=> d ibib 16
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=> d ti au so abs 6
°L6 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

=> d ti au so abs 5
°L6 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

=> s ((parallel or simultaneous?)(p)cataly?) and (reaction?(n)condition?) and (conver? or
selectiv? or yield?)
        257004 PARALLEL
         10465 PARALLELS
        266926 PARALLEL

```
                    (PARALLEL OR PARALLELS)
         364636 SIMULTANEOUS?
        1173937 CATALY?
          24561 (PARALLEL OR SIMULTANEOUS?)(P)CATALY?
        3563485 REACTION?
        1756915 CONDITION?
          36737 REACTION?(A)CONDITION?
         831805 CONVER?
         555292 SELECTIV?
        1280253 YIELD?
L7          231 ((PARALLEL OR SIMULTANEOUS?)(P)CATALY?) AND (REACTION?(A)CONDITI
                ON?) AND (CONVER? OR SELECTIV? OR YIELD?)

=> s ((parallel or simultaneous?)(s)cataly?) and (reaction?(n)condition?) and (conver? or
selectiv? or yield?)
         257004 PARALLEL
          10465 PARALLELS
         266926 PARALLEL
                    (PARALLEL OR PARALLELS)
         364636 SIMULTANEOUS?
        1173937 CATALY?
          10068 (PARALLEL OR SIMULTANEOUS?)(S)CATALY?
        3563485 REACTION?
        1756915 CONDITION?
          36737 REACTION?(A)CONDITION?
         831805 CONVER?
         555292 SELECTIV?
        1280253 YIELD?
L8          102 ((PARALLEL OR SIMULTANEOUS?)(S)CATALY?) AND (REACTION?(A)CONDITI
                ON?) AND (CONVER? OR SELECTIV? OR YIELD?)

=> s (((parallel or simultaneous?)(s)cataly?)(p)(reaction?(n)condition?)) and (conver? or
selectiv? or yield?)
         257004 PARALLEL
          10465 PARALLELS
         266926 PARALLEL
                    (PARALLEL OR PARALLELS)
         364636 SIMULTANEOUS?
        1173937 CATALY?
        3563485 REACTION?
        1756915 CONDITION?
            172 ((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITION
                ?)
         831805 CONVER?
         555292 SELECTIV?
        1280253 YIELD?
L9           90 (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITIO
                N?)) AND (CONVER? OR SELECTIV? OR YIELD?)

=> s (((parallel or simultaneous?)(s)cataly?)(p)(reaction?(n)condition?))(p)(conver? or
selectiv? or yield?)
         257004 PARALLEL
          10465 PARALLELS
         266926 PARALLEL
                    (PARALLEL OR PARALLELS)
         364636 SIMULTANEOUS?
        1173937 CATALY?
        3563485 REACTION?
        1756915 CONDITION?
         831805 CONVER?
         555292 SELECTIV?
        1280253 YIELD?
L10          84 (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITIO
                N?))(P)(CONVER? OR SELECTIV? OR YIELD?)

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=> s (((parallel or simultaneous?)(s)cataly?)(p)(reaction?(n)condition?))(p)(conver? or
selectivity or yield?)
          257004 PARALLEL
           10465 PARALLELS
          266926 PARALLEL
                    (PARALLEL OR PARALLELS)
          364636 SIMULTANEOUS?
         1173937 CATALY?
         3563485 REACTION?
         1756915 CONDITION?
          831805 CONVER?
          153532 SELECTIVITY
           11065 SELECTIVITIES
          159724 SELECTIVITY
                    (SELECTIVITY OR SELECTIVITIES)
         1280253 YIELD?
L11          76 (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITIO
                 N?))(P)(CONVER? OR SELECTIVITY OR YIELD?)

=> s (((parallel or simultaneous?)(s)cataly?)(p)(reaction?(n)condition?))(p)(conversion or
selectivity or yield?)
          257004 PARALLEL
           10465 PARALLELS
          266926 PARALLEL
                    (PARALLEL OR PARALLELS)
          364636 SIMULTANEOUS?
         1173937 CATALY?
         3563485 REACTION?
         1756915 CONDITION?
          417282 CONVERSION
           19901 CONVERSIONS
          428896 CONVERSION
                    (CONVERSION OR CONVERSIONS)
          153532 SELECTIVITY
           11065 SELECTIVITIES
          159724 SELECTIVITY
                    (SELECTIVITY OR SELECTIVITIES)
         1280253 YIELD?
L12          68 (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITIO
                 N?))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

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=> d ti au so abs 6 7 12 23
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=> s (((parallel or simultaneous?)(s)same(s)cataly?)(p)((different or vary?)(s)
(reaction?(n)condition?)))(p)(conversion or selectivity or yield?)
        257004 PARALLEL
         10465 PARALLELS
        266926 PARALLEL
               (PARALLEL OR PARALLELS)
        364636 SIMULTANEOUS?
```

```
         1263062 SAME
              60 SAMES
         1263119 SAME
                   (SAME OR SAMES)
         1173937 CATALY?
         1940305 DIFFERENT
              40 DIFFERENTS
         1940334 DIFFERENT
                   (DIFFERENT OR DIFFERENTS)
          294415 VARY?
         3563485 REACTION?
         1756915 CONDITION?
          417282 CONVERSION
           19901 CONVERSIONS
          428896 CONVERSION
                   (CONVERSION OR CONVERSIONS)
          153532 SELECTIVITY
           11065 SELECTIVITIES
          159724 SELECTIVITY
                   (SELECTIVITY OR SELECTIVITIES)
         1280253 YIELD?
L13            0 (((PARALLEL OR SIMULTANEOUS?)(S)SAME(S)CATALY?)(P)((DIFFERENT
                 OR VARY?)(S)(REACTION?(A)CONDITION?)))(P)(CONVERSION OR SELECTIV
                 ITY OR YIELD?)

=> s (((s)same(s)cataly?)(p)((different or vary?)(s)(reaction?(n)condition?)))(p)
(conversion or selectivity or yield?)
MISSING TERM '(((S'
The search profile entered contains a left parenthesis,
'(' followed by an operator.

=> s ((s)same(s)cataly?)(p)((different or vary?)(s)(reaction?(n)condition?)))(p)(conversion
or selectivity or yield?)
MISSING TERM '((S'
The search profile entered contains a left parenthesis,
'(' followed by an operator.

=> s (((same(s)cataly?)(p)((different or vary?)(s)(reaction?(n)condition?)))(p)(conversion
or selectivity or yield?)
UNMATCHED LEFT PARENTHESIS '(('
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s (same(s)cataly?)(p)((different or vary?)(s)(reaction?(n)condition?)))(p)(conversion or
selectivity or yield?)
UNMATCHED RIGHT PARENTHESIS 'NDITION?)))(P'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s ((same(s)cataly?)(p)((different or vary?)(s)(reaction?(n)condition?)))(p)(conversion
or selectivity or yield?)
         1263062 SAME
              60 SAMES
         1263119 SAME
                   (SAME OR SAMES)
         1173937 CATALY?
         1940305 DIFFERENT
              40 DIFFERENTS
         1940334 DIFFERENT
                   (DIFFERENT OR DIFFERENTS)
          294415 VARY?
         3563485 REACTION?
         1756915 CONDITION?
          417282 CONVERSION
           19901 CONVERSIONS
          428896 CONVERSION
```

```
                   (CONVERSION OR CONVERSIONS)
         153532 SELECTIVITY
          11065 SELECTIVITIES
         159724 SELECTIVITY
                   (SELECTIVITY OR SELECTIVITIES)
        1280253 YIELD?
L14         16 ((SAME(S)CATALY?)(P)((DIFFERENT OR VARY?)(S)(REACTION?(A)CONDITI
                ON?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)
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=> d abs tot

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        (FILE 'HOME' ENTERED AT 16:31:28 ON 18 FEB 2004)

        FILE 'STNGUIDE' ENTERED AT 16:31:41 ON 18 FEB 2004

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L1         489 S  CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION(N)CONDI
L2         490 S  CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION?(N)COND
L3       15265 S  CATALY? AND (REACTION?(N)CONDITION?)
L4        8498 S  CATALY? AND (REACTION?(N)CONDITION?) AND (CONVER? OR SELECTIV
L5         638 S  CATALY? AND (REACTION?(N)CONDITION?) AND (CONVER? OR SELECTIV
L6          14 S  CATALY? AND (REACTION?(N)CONDITION?) AND (CONVER? OR SELECTIV
L7         231 S  ((PARALLEL OR SIMULTANEOUS?)(P)CATALY?) AND (REACTION?(N)COND
L8         102 S  ((PARALLEL OR SIMULTANEOUS?)(S)CATALY?) AND (REACTION?(N)COND
L9          90 S  (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(N)CONDI
L10         84 S  (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(N)CONDI
L11         76 S  (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(N)CONDI
L12         68 S  (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(N)CONDI
L13          0 S  (((PARALLEL OR SIMULTANEOUS?)(S)SAME(S)CATALY?)(P)((DIFFERENT
L14         16 S  ((SAME(S)CATALY?)(P)((DIFFERENT OR VARY?)(S)(REACTION?(N)COND
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=> d ti au so abs 114 tot
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=> s ((same(s)cataly?(s)?reactor?)(p)((different or vary?)(s)(reaction?(n)condition?)))(p)
(conversion or selectivity or yield?)
        1263062 SAME
             60 SAMES
        1263119 SAME
                    (SAME OR SAMES)
        1173937 CATALY?
         432420 ?REACTOR?
        1940305 DIFFERENT
             40 DIFFERENTS
        1940334 DIFFERENT
                    (DIFFERENT OR DIFFERENTS)
         294415 VARY?
        3563485 REACTION?
        1756915 CONDITION?
         417282 CONVERSION
          19901 CONVERSIONS
         428896 CONVERSION
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```
                     (CONVERSION OR CONVERSIONS)
          153532 SELECTIVITY
           11065 SELECTIVITIES
          159724 SELECTIVITY
                     (SELECTIVITY OR SELECTIVITIES)
         1280253 YIELD?
L15            0 ((SAME(S)CATALY?(S)?REACTOR?)(P)((DIFFERENT OR VARY?)(S)(REACTIO
                 N?(A)CONDITION?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

=> s ((same(s)cataly?(s)?reactor?)(p)((s)(reaction?(n)condition?)))(p)(conversion or
selectivity or yield?)
MISSING TERM 'P)((S'
The search profile entered contains a left parenthesis,
'(' followed by an operator.

=> s ((same(s)cataly?(s)?reactor?)(p)((reaction?(n)condition?)))(p)(conversion or
selectivity or yield?)
         1263062 SAME
              60 SAMES
         1263119 SAME
                     (SAME OR SAMES)
         1173937 CATALY?
          432420 ?REACTOR?
         3563485 REACTION?
         1756915 CONDITION?
          417282 CONVERSION
           19901 CONVERSIONS
          428896 CONVERSION
                     (CONVERSION OR CONVERSIONS)
          153532 SELECTIVITY
           11065 SELECTIVITIES
          159724 SELECTIVITY
                     (SELECTIVITY OR SELECTIVITIES)
         1280253 YIELD?
L16            6 ((SAME(S)CATALY?(S)?REACTOR?)(P)((REACTION?(A)CONDITION?)))(P)(C
                 ONVERSION OR SELECTIVITY OR YIELD?)

=> d ti au so abs 116 tot

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=> s ((same(s)cataly?(s)(?reactor? or bed?))(p)((reaction?(n)condition?)))(p)(conversion or
selectivity or yield?)
         1263062 SAME
              60 SAMES
         1263119 SAME
                     (SAME OR SAMES)
         1173937 CATALY?
          432420 ?REACTOR?
          185596 BED?
```

```
          3563485 REACTION?
          1756915 CONDITION?
           417282 CONVERSION
            19901 CONVERSIONS
           428896 CONVERSION
                    (CONVERSION OR CONVERSIONS)
           153532 SELECTIVITY
            11065 SELECTIVITIES
           159724 SELECTIVITY
                    (SELECTIVITY OR SELECTIVITIES)
          1280253 YIELD?
L17             7 ((SAME(S)CATALY?(S)(?REACTOR? OR BED?))(P)((REACTION?(A)CONDITIO
                  N?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

=> s ((same(s)cataly?(s)(bed?))(p)((reaction?(n)condition?)))(p)(conversion or selectivity
or yield?)
          1263062 SAME
               60 SAMES
          1263119 SAME
                    (SAME OR SAMES)
          1173937 CATALY?
           185596 BED?
          3563485 REACTION?
          1756915 CONDITION?
           417282 CONVERSION
            19901 CONVERSIONS
           428896 CONVERSION
                    (CONVERSION OR CONVERSIONS)
           153532 SELECTIVITY
            11065 SELECTIVITIES
           159724 SELECTIVITY
                    (SELECTIVITY OR SELECTIVITIES)
          1280253 YIELD?
L18             3 ((SAME(S)CATALY?(S)(BED?))(P)((REACTION?(A)CONDITION?)))(P)(CONV
                  ERSION OR SELECTIVITY OR YIELD?)

=> d ti au so abs l18 tot

°L18  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN


°L18  ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN


°L18  ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN



=> s ((same(s)cataly?(s)(parallel or simultaneous?)(s)(?reactor? or bed?))(p)((reaction?(n)
condition?)))(p)(conversion or selectivity or yield?)
          1263062 SAME
               60 SAMES
          1263119 SAME
                    (SAME OR SAMES)
          1173937 CATALY?
           257004 PARALLEL
            10465 PARALLELS
           266926 PARALLEL
                    (PARALLEL OR PARALLELS)
           364636 SIMULTANEOUS?
           432420 ?REACTOR?
           185596 BED?
          3563485 REACTION?
          1756915 CONDITION?
           417282 CONVERSION
            19901 CONVERSIONS
           428896 CONVERSION
```

```
                       (CONVERSION OR CONVERSIONS)
            153532 SELECTIVITY
             11065 SELECTIVITIES
            159724 SELECTIVITY
                       (SELECTIVITY OR SELECTIVITIES)
           1280253 YIELD?
L19              0 ((SAME(S)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTOR? OR
                    BED?))(P)((REACTION?(A)CONDITION?)))(P)(CONVERSION OR SELECTIVIT
                    Y OR YIELD?)

=> s ((same(s)cataly?(s)(parallel or simultaneous?)(s)(?reactors or beds)) and
((reaction?(n)condition?))) and (conversion or selectivity or yield?)
           1263062 SAME
                60 SAMES
           1263119 SAME
                       (SAME OR SAMES)
           1173937 CATALY?
            257004 PARALLEL
             10465 PARALLELS
            266926 PARALLEL
                       (PARALLEL OR PARALLELS)
            364636 SIMULTANEOUS?
            231334 ?REACTORS
             60587 BEDS
                 6 SAME(S)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR
                    BEDS)
           3563485 REACTION?
           1756915 CONDITION?
             36737 REACTION?(A)CONDITION?
            417282 CONVERSION
             19901 CONVERSIONS
            428896 CONVERSION
                       (CONVERSION OR CONVERSIONS)
            153532 SELECTIVITY
             11065 SELECTIVITIES
            159724 SELECTIVITY
                       (SELECTIVITY OR SELECTIVITIES)
           1280253 YIELD?
L20              0 ((SAME(S)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR
                    BEDS)) AND ((REACTION?(A)CONDITION?))) AND (CONVERSION OR SELECT
                    IVITY OR YIELD?)

=> s ((same(s)cataly?(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
           1263062 SAME
                60 SAMES
           1263119 SAME
                       (SAME OR SAMES)
           1173937 CATALY?
            231334 ?REACTORS
             60587 BEDS
               124 SAME(S)CATALY?(S)(?REACTORS OR BEDS)
           3563485 REACTION?
           1756915 CONDITION?
             36737 REACTION?(A)CONDITION?
            417282 CONVERSION
             19901 CONVERSIONS
            428896 CONVERSION
                       (CONVERSION OR CONVERSIONS)
            153532 SELECTIVITY
             11065 SELECTIVITIES
            159724 SELECTIVITY
                       (SELECTIVITY OR SELECTIVITIES)
           1280253 YIELD?
L21              1 ((SAME(S)CATALY?(S)(?REACTORS OR BEDS)) AND ((REACTION?(A)CONDIT
                    ION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)
```

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=> d ti au so abs 121 tot
```

°L21 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

```
=> s (((same(n)cataly?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
       1263062 SAME
            60 SAMES
       1263119 SAME
                 (SAME OR SAMES)
       1173937 CATALY?
        231334 ?REACTORS
         60587 BEDS
            18 (SAME(A)CATALY?)(S)(?REACTORS OR BEDS)
       3563485 REACTION?
       1756915 CONDITION?
         36737 REACTION?(A)CONDITION?
        417282 CONVERSION
         19901 CONVERSIONS
        428896 CONVERSION
                 (CONVERSION OR CONVERSIONS)
        153532 SELECTIVITY
         11065 SELECTIVITIES
        159724 SELECTIVITY
                 (SELECTIVITY OR SELECTIVITIES)
       1280253 YIELD?
L22          0 (((SAME(A)CATALY?)(S)(?REACTORS OR BEDS)) AND ((REACTION?(A)COND
                 ITION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> s (((same(n1)cataly?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
MISSING OPERATOR 'SAME(N1'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s (((same(1n)cataly?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
       1263062 SAME
            60 SAMES
       1263119 SAME
                 (SAME OR SAMES)
       1173937 CATALY?
        231334 ?REACTORS
         60587 BEDS
            21 (SAME(1A)CATALY?)(S)(?REACTORS OR BEDS)
       3563485 REACTION?
       1756915 CONDITION?
         36737 REACTION?(A)CONDITION?
        417282 CONVERSION
         19901 CONVERSIONS
        428896 CONVERSION
                 (CONVERSION OR CONVERSIONS)
        153532 SELECTIVITY
         11065 SELECTIVITIES
        159724 SELECTIVITY
                 (SELECTIVITY OR SELECTIVITIES)
       1280253 YIELD?
L23          0 (((SAME(1A)CATALY?)(S)(?REACTORS OR BEDS)) AND ((REACTION?(A)CON
                 DITION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> s (((same(1n)cataly?)(s)(?reactor? or bed?)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
       1263062 SAME
            60 SAMES
       1263119 SAME
```

```
                  (SAME OR SAMES)
       1173937 CATALY?
        432420 ?REACTOR?
        185596 BED?
           160 (SAME(1A)CATALY?)(S)(?REACTOR? OR BED?)
       3563485 REACTION?
       1756915 CONDITION?
         36737 REACTION?(A)CONDITION?
        417282 CONVERSION
         19901 CONVERSIONS
        428896 CONVERSION
                  (CONVERSION OR CONVERSIONS)
        153532 SELECTIVITY
         11065 SELECTIVITIES
        159724 SELECTIVITY
                  (SELECTIVITY OR SELECTIVITIES)
       1280253 YIELD?
L24           2 (((SAME(1A)CATALY?)(S)(?REACTOR? OR BED?)) AND ((REACTION?(A)CON
                 DITION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> d ti au so abs l24 tot

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° L24  ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2004 ACS on STN



=> index engineering
FILE 'ENCOMPLIT' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT' ACCESS NOT AUTHORIZED
FILE 'WPIDS' ACCESS NOT AUTHORIZED
INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, AEROSPACE, ALUMINIUM, APOLLIT,
      BIOTECHNO, CAPLUS, CEABA-VTB, CEN, CIN, COMPENDEX, CONFSCI, COPPERLIT,
      CORROSION, DISSABS, DKF, ELCOM, EMA, ENCOMPLIT2, ENCOMPPAT2, ENERGY,
      ENTEC, EUROPATFULL, FEDRIP, GEOREF, HEALSAFE, ...'
ENTERED AT 17:16:04 ON 18 FEB 2004

62 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (((same(1n)cataly?)(s)(?reactor? or bed?)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
           0*   FILE 1MOBILITY
           0*   FILE 2MOBILITY
           0*   FILE AEROSPACE
           0*   FILE ALUMINIUM
           0*   FILE APOLLIT
           2    FILE CAPLUS
           0*   FILE CEABA-VTB
   9 FILES SEARCHED...
           0*   FILE CEN
           3    FILE COMPENDEX
           0*   FILE CONFSCI
           0*   FILE CORROSION
  15 FILES SEARCHED...
           0*   FILE ELCOM
           0*   FILE EMA
           2*   FILE ENCOMPLIT2
           0*   FILE ENCOMPPAT2
           5    FILE ENERGY
  22 FILES SEARCHED...
           0*   FILE ENTEC
         186    FILE EUROPATFULL
```

```
 24 FILES SEARCHED...
          0*   FILE FEDRIP
          0*   FILE GEOREF
          0*   FILE HEALSAFE
          1    FILE IFIPAT
          0*   FILE INIS
 30 FILES SEARCHED...
          0*   FILE INSPHYS
          0*   FILE ITRD
          1*   FILE JICST-EPLUS
          0*   FILE MDF
          0*   FILE NLDB
          2    FILE NTIS
          0*   FILE OCEAN
          0*   FILE PAPERCHEM2
          4    FILE PASCAL
 40 FILES SEARCHED...
        210    FILE PCTFULL
 43 FILES SEARCHED...
          0*   FILE PIRA
          0*   FILE PLASNEWS
          0*   FILE POLLUAB
          2*   FILE PROMT
          0*   FILE RUSSCI
          6    FILE SCISEARCH
          0*   FILE SIGLE
 54 FILES SEARCHED...
          0*   FILE TRIBO
          0*   FILE TULSA
          0*   FILE TULSA2
        983    FILE USPATFULL
         26    FILE USPAT2
 61 FILES SEARCHED...

 14 FILES HAVE ONE OR MORE ANSWERS,    62 FILES SEARCHED IN STNINDEX

L25  QUE (((SAME(1N) CATALY?)(S)(?REACTOR? OR BED?)) AND ((REACTION?(N) CONDITI
        ON?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> d rank
F1        983    USPATFULL
F2        210    PCTFULL
F3        186    EUROPATFULL
F4         26    USPAT2
F5          6    SCISEARCH
F6          5    ENERGY
F7          4    PASCAL
F8          3    COMPENDEX
F9          2    CAPLUS
F10         2    NTIS
F11         2*   ENCOMPLIT2
F12         2*   PROMT
F13         1    IFIPAT
F14         1*   JICST-EPLUS


=> index chemistry
FILE 'ENCOMPLIT' ACCESS NOT AUTHORIZED
INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE,
      BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN,
      COMPENDEX, CONFSCI, COPPERLIT, CORROSION, DISSABS, ENCOMPLIT2, FEDRIP,
      GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, ...'
ENTERED AT 17:19:47 ON 18 FEB 2004

47 FILES IN THE FILE LIST IN STNINDEX
```

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (((same(1n)cataly?)(s)(?reactor? or bed?)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
```
          0*   FILE AGRICOLA
          0*   FILE ALUMINIUM
          0*   FILE APOLLIT
          0*   FILE AQUIRE
          0*   FILE BABS
          0*   FILE BIOCOMMERCE
          2    FILE CAPLUS
   12 FILES SEARCHED...
          0*   FILE CEABA-VTB
          0*   FILE CEN
          0*   FILE CERAB
          3    FILE COMPENDEX
          0*   FILE CONFSCI
          0*   FILE CORROSION
          2*   FILE ENCOMPLIT2
   22 FILES SEARCHED...
          0*   FILE FEDRIP
          0*   FILE INSPHYS
          0*   FILE INVESTEXT
          0*   FILE IPA
          1*   FILE JICST-EPLUS
   31 FILES SEARCHED...
          0*   FILE NIOSHTIC
          2    FILE NTIS
          0*   FILE PAPERCHEM2
          4    FILE PASCAL
          2*   FILE PROMT
          0*   FILE RUSSCI
   40 FILES SEARCHED...
          6    FILE SCISEARCH
          0*   FILE TULSA
          0*   FILE TULSA2

   8 FILES HAVE ONE OR MORE ANSWERS,   47 FILES SEARCHED IN STNINDEX
```

L26   QUE (((SAME(1N) CATALY?)(S)(?REACTOR? OR BED?)) AND ((REACTION?(N) CONDITI
          ON?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> d rank
```
F1          6    SCISEARCH
F2          4    PASCAL
F3          3    COMPENDEX
F4          2    CAPLUS
F5          2    NTIS
F6          2*   ENCOMPLIT2
F7          2*   PROMT
F8          1*   JICST-EPLUS
```

=> file uspatfull pctfull europatfull uspat2
FILE 'USPATFULL' ENTERED AT 17:21:38 ON 18 FEB 2004
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```
=> s (((same(1n)cataly?)(s)(?reactor? or bed?))(p)((reaction?(n)condition?)))(p)(conversion
or selectivity or yield?)
L27        552 (((SAME(1N) CATALY?)(S)(?REACTOR? OR BED?))(P)((REACTION?(N)
               CONDITION?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

=> s ((same(s)cataly?(s)(parallel or simultaneous?)(s)(?reactor? or bed?))(p)((reaction?(n)
condition?)))(p)(conversion or selectivity or yield?)
   3 FILES SEARCHED...
L28        369 ((SAME(S) CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTOR? OR
               BED?))(P)((REACTION?(N) CONDITION?)))(P)(CONVERSION OR SELECTIVI
               TY OR YIELD?)

=> s ((same(1n)cataly?(s)(parallel or simultaneous?)(s)(?reactors or beds)) and
((reaction?(n)condition?))) and (conversion or selectivity or yield?)
L29         15 ((SAME(1N) CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS
               OR BEDS)) AND ((REACTION?(N) CONDITION?))) AND (CONVERSION OR
               SELECTIVITY OR YIELD?)

=> d ti au so abs 129 tot

° L29 ANSWER 1 OF 15  USPATFULL on STN


° L29 ANSWER 2 OF 15  USPATFULL on STN


° L29 ANSWER 3 OF 15  USPATFULL on STN


° L29 ANSWER 4 OF 15  USPATFULL on STN


° L29 ANSWER 5 OF 15  USPATFULL on STN


° L29 ANSWER 6 OF 15  USPATFULL on STN


° L29 ANSWER 7 OF 15  USPATFULL on STN


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=> d ti in pi pa ai abs 129 tot
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°L29 ANSWER 2 OF 15 USPATFULL on STN

°L29 ANSWER 3 OF 15 USPATFULL on STN

°L29 ANSWER 4 OF 15 USPATFULL on STN

°L29 ANSWER 5 OF 15 USPATFULL on STN

°L29 ANSWER 6 OF 15 USPATFULL on STN

°L29 ANSWER 7 OF 15 USPATFULL on STN

°L29 ANSWER 8 OF 15 USPATFULL on STN

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°L29 ANSWER 10 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

°L29 ANSWER 11 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

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°L29 ANSWER 14 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

°L29 ANSWER 15 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

=> d ti in pi pa ai ab 129 tot
°L29 ANSWER 1 OF 15 USPATFULL on STN

°L29 ANSWER 2 OF 15 USPATFULL on STN

°L29 ANSWER 3 OF 15 USPATFULL on STN

°L29 ANSWER 4 OF 15 USPATFULL on STN

°L29 ANSWER 5 OF 15 USPATFULL on STN

°L29 ANSWER 6 OF 15 USPATFULL on STN

°L29 ANSWER 7 OF 15 USPATFULL on STN

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```
=> file uspat2
FILE 'USPAT2' ENTERED AT 17:31:07 ON 18 FEB 2004
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FILE COVERS 2001 TO PUBLICATION DATE: 17 Feb 2004 (20040217/PD)
FILE LAST UPDATED: 17 Feb 2004 (20040217/ED)
HIGHEST GRANTED PATENT NUMBER: US2003197640
HIGHEST APPLICATION PUBLICATION NUMBER: US2004031066
CA INDEXING IS CURRENT THROUGH 17 Feb 2004 (20040217/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 17 Feb 2004 (20040217/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Jun 2003
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2003

USPAT2 is a companion file to USPATFULL.  USPAT2 contains full text
of the latest US publications, starting in 2001, for the inventions
covered in USPATFULL.  USPATFULL contains full text of the original
published US patents from 1971 to date and the original applications
from 2001.  In addition, a USPATFULL record for an invention contains
a complete list of publications that may be searched in standard
search fields, e.g., /PN, /PK, etc.

USPATFULL and USPAT2 can be accessed and searched together through
the new cluster USPATALL.  Type FILE USPATALL to enter this cluster.

Use USPATALL when searching terms such as patent assignees,
classifications, or claims, that may potentially change from the
earliest to the latest publication.

=> s ((same(1n)cataly?(s)(parallel or simultaneous?)(s)(?reactors or beds)) and
((reaction?(n)condition?))) and (conversion or selectivity or yield?)
        112453 SAME
             9 SAMES
        112453 SAME
                (SAME OR SAMES)
         13375 CATALY?
         52166 PARALLEL
           296 PARALLELS
         52271 PARALLEL
                (PARALLEL OR PARALLELS)
         38973 SIMULTANEOUS?
          1896 ?REACTORS
```

```
      1228  BEDS
         2  SAME(1A)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR
            BEDS)
     27915  REACTION?
     72604  CONDITION?
      3304  REACTION?(A)CONDITION?
     16502  CONVERSION
      1195  CONVERSIONS
     16698  CONVERSION
               (CONVERSION OR CONVERSIONS)
      4312  SELECTIVITY
       379  SELECTIVITIES
      4368  SELECTIVITY
               (SELECTIVITY OR SELECTIVITIES)
     26186  YIELD?
L30       0  ((SAME(1A)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR
            BEDS)) AND ((REACTION?(A)CONDITION?))) AND (CONVERSION OR SELECT
            IVITY OR YIELD?)

=> log y
STN INTERNATIONAL LOGOFF AT 17:31:50 ON 18 FEB 2004
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